DOCUMENT RESUME

ED 035 091 24 EA 002 712

AUTHOR	Alkin, Marvin C.; And Others
TITLE	CSE Simulated Evaluation Exercise: Materials Supplement.
INSTITUTION	California Univ., Los Angeles. Center for the Study of Evaluation.
SPONS AGENCY	Office of Education (DHEW), Washington, D.C. Bureau of Research.
REPORT NO	CSE-R-50
BUREAU NO	BR-6-1646
PUB DATE	Oct 69
CONTRACT	OEC-4-6-061646-1909
NOTE	86p.
EDRS PRICE	EDRS Price MF-$0.50 HC-$4.40
DESCRIPTORS	*Data Collection, *Demonstration Centers, *Evaluation Methods, *Mathematics, Program Evaluation, *Simulation

ABSTRACT

This project, located in a large metropolitan school district, concerns the operation and evaluation of three Mathematics Demonstration Centers. In the first phase, directions are given about the necessary information to be gathered by the evaluating organization, (e.g. the school district administrative organization, size of school district, description of project, description of project schools, the project organization.) The following phase is a chronological listing of activities that take place during the actual evaluation process, including the selection of experimental and comparison groups, selection of experimental teachers, compilation of information on pupils, preparation of progress reports, and design of the final review report. A summary of audiovisual materials related to this simulated exercise are appended. (LN)

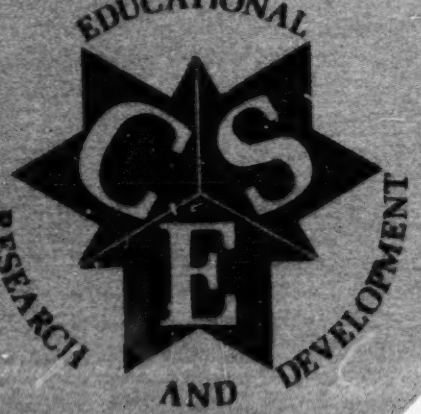
EA

ED035091

BR-6-1646
R-50
PA 24
OE/BR

CENTER FOR THE STUDY OF EVALUATION

UCLA Graduate School of Education
Los Angeles, California



CSE SIMULATED EVALUATION EXERCISE: MATERIALS SUPPLEMENT

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
OFFICE OF EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL OFFICE OF EDUCATION POSITION OR POLICY.

Marvin C. Alkin, Mary M. Bentzen,
J. Eugene Grisby III, Stuart Johnson and Rita Johnson

EA 002 712

CSE Report No. 50
October, 1969

CENTER FOR THE STUDY OF EVALUATION

Marvin C. Alkin, Director
Publications Committee:
James W. Trent, Chairman
Theodore R. Husek
Sherman J. Pearl
Audrey Schwartz

UCLA Graduate School of Education

The CENTER FOR THE STUDY OF EVALUATION is one of nine centers for educational research and development sponsored by the United States Department of Health, Education and Welfare, Office of Education. The research and development reported herein was performed pursuant to a contract with the U.S.O.E. under the provisions of the Cooperative Research Program.

Established at UCLA in June, 1966, CSE is devoted exclusively to finding new theories and methods of analyzing educational systems and programs and gauging their effects.

The Center serves its unique functions with an inter-disciplinary staff whose specialties combine for a broad, versatile approach to the complex problems of evaluation. Study projects are conducted in three major program areas: Evaluation of Instructional Programs, Evaluation of Educational Systems, and Evaluation Theory and Methodology.

This publication is one of many produced by the Center toward its goals. Information on CSE and its publications may be obtained by writing:

Office of Dissemination
Center for the Study of Evaluation
UCLA Graduate School of Education
Los Angeles, California 90024

ED035091

Table of Contents

		Page
I.	Forms to be distributed to teams.	
	Index to forms	1-4
	Forms: Number 1 through 54a	5-74
II.	Summaries of audiovisual materials	
	AV-1 Taped interview with Dr. Gerhard	75
	AV-2 Slides of schools	76
	AV-3 First taped interview with Mrs. Jones	77
	AV-4 Second taped interview with Mrs. Jones	78
	AV-5 Film of teachers at East School	79
	AV-6 Third taped interview with Mrs. Jones	80
	AV-7 Taped interview with counselor, Mr. Wine	81
	AV-8 Taped interview with a teacher	82

Index to Forms to Be Distributed to Participants

Form	Content
Background information	
1	Initial statement of overall task
2	Description of experimental program
3	Math project organization
4	Size of school district
5	CSEIP organization
6	Description of 3 project schools
Requests for information	
7	Instructions for information for planning
8	Request for Information (RFI)
9	District Approval Request (DAR)
Responses to requests - Information Forms	
10-I	Selection of experimental and comparison groups
11-I	Selection of experimental teachers
12-I	Selection of comparison teachers
13-I	Qualifications for experimental teachers
14-I	Criteria for selection of schools
15-I	Memo on testing

Form	Content
16-I	Math test information
17-I	Prior test data
18-I	Additional school data
19-I	Cumulative folder information on pupils
20-I	Information on pupil self-concept
21-I	Guidance and counseling
22-I	District anticipation of evaluation function
23-I	Vita for Dr. Gerhard
24-I	Objectives for summer workshop
25-I	Objectives for each school center
26-I	District budget for math program
27-I	Evaluation budget

Responses to requests--Approval and Denial Forms

28-AD	District approval
29-AD	District denial
30-AD	Do not have information
31-AD	Evaluation team may make decision
32-AD	Information already provided

Responses to requests--Delay by Mrs. Jones Forms

33-DJ	Misplaced file
34-DJ	Do not have information; will compile
35-DJ	Trying to get information
36-DJ	Must make policy decision

Form	Content
37-DJ	Continuing to work on information
38-DJ	Still do not have information
39-DJ	Have referred matter to Dr. Gerhard
Responses to requests--Delay by Dr. Gerhard Forms	
40-DG	Gerhard out of town
41-DG	Gerhard breaks appointment
42-DG	Gerhard denies request
43-DG	Gerhard does not have information
44-DG	Gerhard approves request
45-DG	Mrs. Jones forwards information at request of Gerhard
Preliminary design	
46	Request for preliminary design
46a	Design report form
Field reports	
47	Characteristics of East Center teachers
48	Field report summary No. 1
Intermediate reports	
49	District request for information
49a	District report form
50	Request for CSEIP progress report
50a	Progress report form
51	Feedback from Dr. Gerhard
52	Feedback from CSEIP director

Form	Content
Field reports	
53	Field report summary No. 2
Design review	
54	Design review task
54a	Design review report form

FORM 1

Initial Statement of the Over-all Task January

Your organization, the CSEIP evaluation agency, has just signed a contract with a large metropolitan school district to conduct an evaluation of a demonstration mathematics program for the coming school year. The district has received special funds from the state to conduct this program during this next year.

It is now January and you are faced with the task of planning for the evaluation which will commence with the school year in September. What over-all issues must be considered? Think about what you need to know about the total situation before you can begin to plan your evaluation?

Your first scheduled meetings with officials from the school district will begin very shortly. Good luck.

FORM 2

Information distributed by the school district to describe the program.

MATHEMATICS DEMONSTRATION CENTERS

There will be three Mathematics Demonstration Centers designed to encourage creative, innovative, and unique approaches in curricula and methodology in the teaching of mathematics. Those techniques which achieve greatest success ultimately will be used as a basis for the development of programs which will improve substantially the educational achievement of disadvantaged children of normal capabilities who are now achieving at one grade level or more below average in mathematics.

The particular strength of the program is that it brings together under the coordination of a central administrative unit a variety of innovative techniques and materials. The subsequent evaluation of the relative effectiveness of the several techniques and materials of instruction employed will be especially meaningful.

The Demonstration Centers in mathematics will incorporate a number of innovative features designed to break the cycle of failure. Educational innovation is provided through availability and use of the newest teaching methods, with programmed materials customed to the individual needs of pupils and combined with close, personal, and individual attention by the

teacher. In-service education is designed to develop and strengthen attitudes, skills, and understandings of teachers, counselors, and other school personnel. Multi-cultural sensitivity and development of an instructional technology is stressed in each Center.

An instructional media service, located at each Center, will provide pupils with materials appropriate to their needs. Teachers are provided with artistic, technical, and clerical assistance in the development of materials. Qualified personnel coordinate the use of the specialized equipment and supplies.

The target population will be potentially able junior high school pupils (7th grade) who are performing one year or more below grade level in mathematics. Approximately 250 students in each school will be involved in the program.

OBJECTIVES

To improve mathematical skills and understandings of mathematical concepts.

To improve the pupil's self-image.

To identify specific assets and limitations relating to the learning process.

To develop and use special instructional materials and programs and to assess their values.

To select and use appropriate commercially developed equipment, instructional materials and programs and to assess their values.

FORM 3

Description of Mathematics Project Organization

A. Personnel

1. Each School Center

   a. three teachers

   b. one clerk-typist

   c. one illustrator

   d. one instructional media technician

2. Central Project Office, serving all Centers

   a. one project coordinator

   b. one curriculum consultant

   c. one counselor consultant

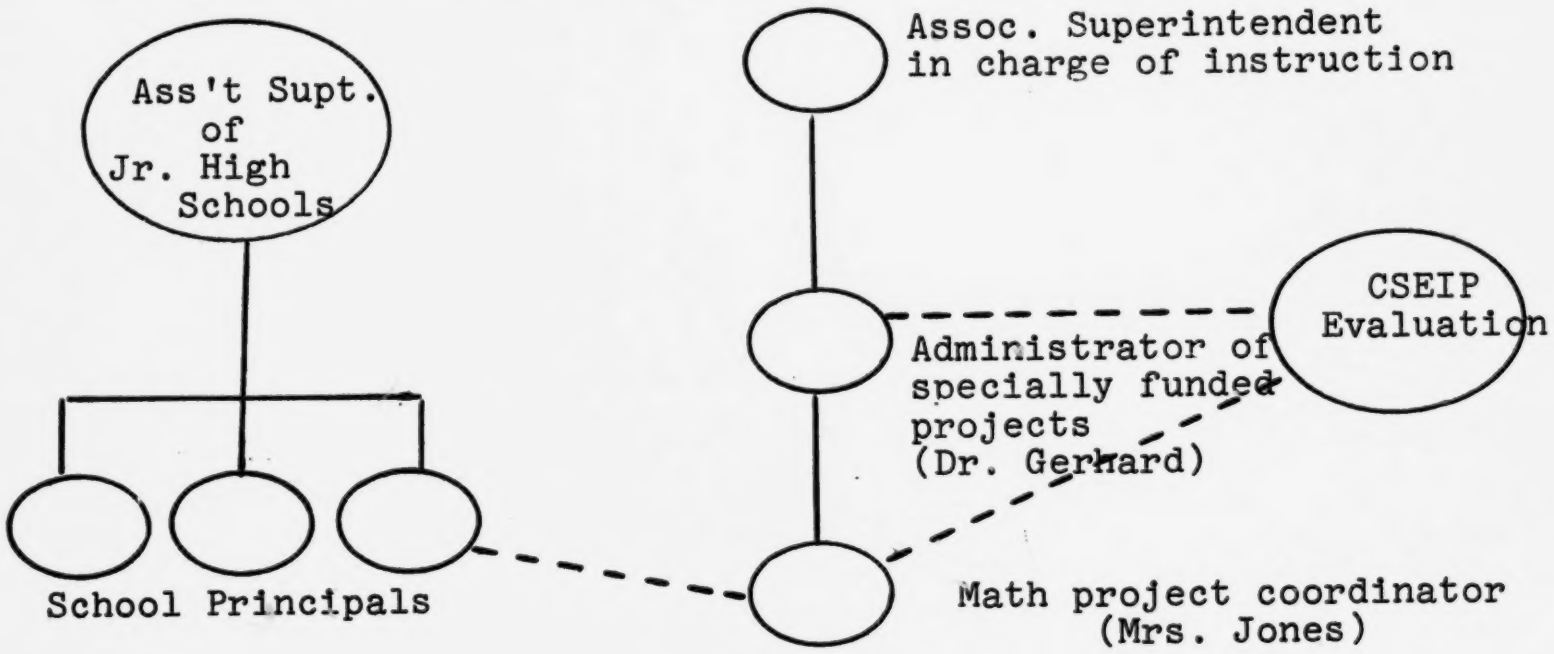
   d. one audio-visual consultant

   e. two clerk-typists

B. District Administration

1. Math project is assigned to the district office which administers all specially funded programs.

2. Chart of administrative lines of authority.


Ass't Supt. of Jr. High Schools
Assoc. Superintendent in charge of instruction
CSEIP Evaluation
Administrator of specially funded projects (Dr. Gerhard)
School Principals
Math project coordinator (Mrs. Jones)

3. The project coordinator is responsible for administration of the program and for making all arrangements which are required in order to carry out the evaluation.

C. Teacher Responsibilities

1. Attend summer workshop prior to teaching classes
2. Teach two classes per day (total of six classes per school)
3. Create new materials for use in the program
4. Responsible to school principal for conduct of classes. Responsible to project coordinator for development of special math program.

D. CSEIP Evaluation Responsibilities

1. Evaluate program in terms of its stated objectives
2. Deliver final report to the administrator of specially funded projects
3. Work directly with the project coordinator in carrying out the evaluation
4. Evaluation team has the option to make intermediate reports and to provide information in addition to that required in (1) above

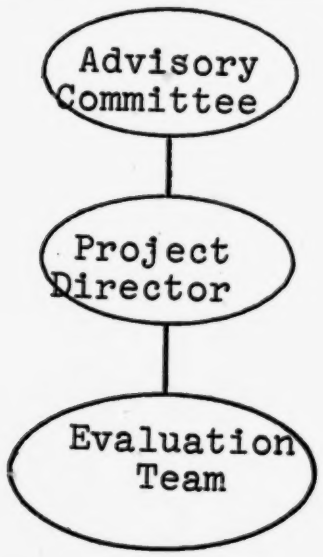
FORM 4

Size of School District

1. Total number of schools is 300, including 71 junior high schools
2. Total number of teachers is over 12,000
3. Total number of students is over 375,000
4. Total geographic area covered is approximately 423 square miles

FORM 5

CSEIP Organization



1) Project director is a professional researcher. He has no formal ties with the school district.
2) Advisory Committee is composed of professional educators and researchers
3) Evaluation team is composed of field researchers, statisticians, and research assistants. You are the evaluation team.

FORM 6

Description of Project Schools

Math Demo Centers will be established at Alva, East and Valley Junior High Schools.

Communication among the centers may be handicapped by the distance between schools. While Alva and East are only 10 miles apart, Valley is more than 20 miles from either one. Frequent meetings will therefore be inconvenient for the teachers, and communication on such important matters as project goals may be limited.

Sociological conditions are very different at each school, and the center teachers may therefore have to face very different problems.

East is located in a lower middle-class Mexican-American community. The community is extremely stable and most of the students have lived there all of their lives. Many have parents and even grandparents who were enrolled in the same school. As little English is spoken outside the classroom, language is a major problem in the development of material.

The population at Alva is highly transient. With a total school enrollment of 1600 or 1700, the annual turnover is about 800. Many of the students are in and out of the school two, three, and even four times a year. Alva is located in what might be termed a Negro ghetto. The students come from large families and overcrowded houses. A number of parents are on welfare and it is not uncommon to find families with a working mother and no father. Reading disabilities and the use of nonstandard English make language a principal problem at Alva as well as at East.

Valley is located in a lower middle-class residential area. The population of the school is mixed racially with a large proportion of Caucasians. The transiency rate lies somewhere between the stability of East and the instability of Alva.

FORM 7

Information for Planning April

What additional information do you need to know in order to determine the bounds and opportunities for evaluation in this situation? That is, what other information do you need before you begin, this summer, to plan the design for this evaluation?

You now have the opportunity to request information or ask for specific action to be taken. All requests for information should be submitted on an RFI (Request for Information) form to be signed by the team leader. All requests for action to be taken are to be submitted on a DAR (District Approval Request) form also to be signed by the team leader.

These forms are to be submitted to your team coordinator and only one form may be submitted at a time.

Your team coordinator will return information to you.

FORM 8

R F I

(Request for Information)

Request #_____ Team: _____

Request for Information:

_____
Team Leader

FORM 9

D A R

(District Approval Request)

Request #_____ Team:_____

District Approval Requested for:

.....

_____

Team Leader

All questions should be stated in such a form that a yes or no answer can be given.

FORM 10-I

Selection of Experimental and Comparison Groups

Eligible students were identified by the Head Counselor at each school in cooperation with the Project Counselor. Selection was made on the basis of student scores on the California Achievement Test (CAT) and the California Test of Mental Maturity (CTMM). Potentially able students, those falling in a normal range on the CTMM (85-115) with achievement scores one or more years below grade level formed the pool of eligible pupils. From this population a sufficient number of students was randomly selected and assigned to comparison and experimental groups.

Approved by

Mrs. Jones

FORM 11-I

Selection of Experimental Teachers

In selecting teachers for this project, individual schools were notified that we were looking for outstanding and creative teachers in the field of mathematics. With the encouragement of principals, certain teachers throughout the district were urged to submit applications. These applications were carefully screened by the proper administrators who made the final selection, based on the teachers' outstanding qualifications and promise of creativity.

After teachers had been selected, they were assigned to the experimental schools. Only one experimental teacher remained in his home school. This occurred at Valley School where the principal insisted on having his existing math department chairman as the coordinator of the experimental team in that school.

Form 12-I

Selection of Comparison Teachers

The selection of comparison teachers was not based on the same selection criteria as the experimental teachers. In each center, the comparison group teachers were randomly selected from the regular mathematics staff.

FORM 13-I

Qualifications for Experimental Teachers

1) Minimum of three years in mathematics teaching at the junior high level
2) Master's degree in mathematics or equivalent
3) Mathematics teacher for the past two years prior to entering the project
4) Willingness to be flexible and creative (principal's judgment)
5) Three letters of recommendation stating general ability to get along well with both students and staff

FORM 14-I

Criteria for Selection of Schools

Selection of the three schools and of programs for each school was done by the district prior to the signing of our contract with them. The district assures us that schools were selected from "disadvantaged areas" as required by the funding organization. Programs for the schools were determined by district administration.

Further details are not available.

FORM 15-I

Memo on Testing

I am sure that we will be able to provide an adequate amount of time in order for you to obtain the information required for the evaluation. I should think that about three or four days in the beginning of the school year and three or four days at the end of the school year should be sufficient. Testing will necessarily be limited to the students' mathematics class hour. Our school calendar of events is generally scheduled far in advance of the opening of school, but I feel reasonably sure that what you request can be arranged. We will also be able to provide an adequate room and the necessary facilities for the individual tests.

The school district feels that a certain responsibility is owed to the parents in our community to insure that children's time is being used for educationa. purposes. Moreover, it is our direct responsibility to insure the privacy of family life and not to unduly intrude into these personal affairs. Please be advised that any nonstandard tests must be approved by the district office.

Approved by

Dr. Gerhard

FORM 16-I

Math Test Information

The school district has on file all major standardized tests of mathematical achievement. The file of these is available in the school district testing office. We are allowing the evaluation team complete authority to select the appropriate test for use in this evaluation. If the evaluation team decides to prepare any special measuring instrument, this, of course, would be subject to district approval.

Approved by

Theodore Wine, Counselor

FORM 17-I

Prior Test Data

Results of intelligence and achievement tests administered during the sixth grade are available in each student's cumulative record folder and access to these data will be provided by the district.

Approved by

Theodore Wine, Counselor

FORM 18-I

Additional School Data

ALVA

N=355

Median IQ - CTMM	
Verbal	85.8
Non-verbal	89.1
Total	87.5

VALLEY

N=473

Median IQ - CTMM	
Verbal	98.8
Non-verbal	99.2
Total	98.9

EAST

N=421

Median IQ - CTMM	
Verbal	95.2
Non-verbal	92.5
Total	94.0

Tests Taken by Individual Pupils

1. IQ test results

    a. Binet
    b. WISC
    c. Kuhlmann-Anderson
    d. Detroit
    e. Public School Primary

2. Achievement Test

3. Ten Week Math Grade and Citizenship Report (last ten weeks of the school year)

ALVA

Median IQ - Arithmetic	
Reasoning	18.5
Fundamentals	29.7

VALLEY

Median IQ - Arithmetic	
Reasoning	28.3
Fundamentals	40.3

EAST

Median IQ - Arithmetic	
Reasoning	20.0
Fundamentals	34.8

Number of Feeder Schools		Median IQ - CTMM of Feeder Schools	
ALVA	9	v 90.3	nv 90.7
EAST	6	v 92.2	nv 84.4
VALLEY	9	v 96.8	nv 97.5

Mean Achievement Scores

By Stanines:	EAST	VALLEY	ALVA
7.0 - 9.0	2.0%	11.6%	7.0%
5.0 - 6.9	24.2	39.7	32.6
3.0 - 4.9	35.5	35.9	46.5
1.0 - 2.9	38.3	12.8	13.9

Educational Aspirations of Schools

I wish to:	EAST	VALLEY	ALVA
Quit school	2.0%	6.4%	9.3%
Finish high school	32.3	21.8	30.2
Go to school after high school	57.4	69.2	55.8
Don't know	8.3	2.6	4.7

Recorded Grades in Math

Last year's grades	EAST	VALLEY	ALVA
A	8.4%	13.7%	5.6%
B	19.0	22.7	18.8
C	45.3	37.4	39.7
D	27.3	21.6	30.0
F	3.6	4.6	5.7

FORM 19-I

Cumulative Folder Information on Pupils

The following type of information is available on each pupil's cumulative card.

name
age
sex
schools attended
number of brothers and sisters
birthplace of parents
languages spoken
special achievement (based on group and achievement tests)
educational achievement
pupil's interests (based on inventory and aptitude tests)
family and home relationships
activities of the child in and out of school
educational and vocational plans
types of agencies the child might have had contact with, such as, law enforcement, accelerated programs, etc.
semester grades
attendance record

The accuracy and completeness of these cards is solely dependent upon the school counselor. Therefore, some of this information might be missing.

Tests on File

CAT
CTMM
Iowa
Stanford
Lorge-Thorndike
MMPI
WISC
Kuhlmann-Anderson
Detroit
Public School Primary

Approved by

Theodore Wine, Counselor

FORM 20-I

Information on Pupil Self-Concept

Summary of Data on Experimental Classes

I FEEL THAT I AM AT LEAST AS GOOD AS OTHERS I KNOW.

	East	Alva	Valley
Strongly Agree	18%	33%	16%
Agree	56	48	66
Disagree	23	16	15
Strongly Disagree	3	3	3
Total	100% (210)	100% (170)	100% (258)

IN GENERAL, PEOPLE CAN BE TRUSTED.

	East	Alva	Valley
Strongly Agree	11%	15%	7%
Agree	44	34	56
Disagree	38	38	33
Strongly Agree	7	13	4
Total	100% (210)	100% (169)	100% (257)

PEOPLE SHOULD NOT EXPECT TOO MUCH OUT OF LIFE SO THEY WON'T BE DISAPPOINTED.

	East	Alva	Valley
Strongly Agree	30%	36%	20%
Agree	56	44	52
Disagree	11	17	22
Strongly Disagree	3	3	6
Total	100% (209)	100% (168)	100% (257)

IF I COULD, I'D RATHER BE SOMEONE DIFFERENT FROM MYSELF.

	East	Alva	Valley
Strongly Agree	17%	7%	11%
Agree	27	22	16
Disagree	35	34	41
Strongly Disagree	21	37	32
Total	100% (208)	100% (169)	100% (257)

THERE ARE TIMES WHEN I THINK I AM NO GOOD AT ALL.

	East	Alva	Valley
Strongly Agree	22%	12%	17%
Agree	56	52	59
Disagree	17	22	16
Strongly Disagree	5	14	8
Total	100% (209)	100% (169)	100% (258)

ON THE WHOLE, I'M PRETTY WELL SATISFIED WITH MYSELF.

	East	Alva	Valley
Strongly Agree	20%	33%	14%
Agree	58	58	68
Disagree	19	8	15
Strongly Disagree	3	1	3
Total	100% (209)	100% (169)	100% (256)

THERE ISN'T MUCH PEOPLE CAN DO ABOUT THE WAY THINGS ARE GOING TO TURN OUT IN LIFE.

	East	Alva	Valley
Strongly Agree	16%	26%	12%
Agree	40	42	42
Disagree	29	18	32
Strongly Disagree	15	14	14
Total	100% (210)	100% (168)	100% (257)

FORM 21-I

Guidance and Counseling

The counseling consultant assigned to the Project will aid the principal and school counselor in the selection of pupils for the program. He will also assess the special needs of the pupils enrolled in the experimental classes. Through the use of standardized tests, prior grades, and consultation, the project counselor will work with the project teachers in determining the learning needs of individual pupils.

FORM 22-I

District Anticipation of Evaluation Function

Evaluation will be guided by the general and specific objectives of the project. It will assist in orientation of the project staff to its purposes and needs by reporting on a regular basis to those individuals in a position to best act on such reports.

In addition, the district expects the evaluation team to submit a final report at the conclusion of the school year. This report along with recommendations from the project staff will be used in helping the district decide whether or not to continue this project.

Approved by

Dr. Gerhard

FORM 23-I

Gerhard, Calvin

Age 55

Education

1) B. A. Wabash State - 1933

2) M. A. Wabash State - 1938

3) Ed. D. Wabash State - 1960

Experience

1) 1933 - 1938 - Social Studies Teacher, Jonesville, Indiana
   1938 - 1942 - Vice Principal, Smithtown, Indiana
   1942 - 1944 - Principal, Smithtown, Indiana

2) 1944 - 1946 - U. S. Army

3) 1946 - 1960 - Director Experimental Elementary School Programs, Smithtown, Indiana

4) 1960 - 1965 - Coordinator of Secondary School Project, City District, California

5) 1965 - Present- Administrator of Specially Funded Projects, City District, California

FORM 24-I

Objectives for Summer Workshop

1. Provide teachers with information about
   a. The cultural background of students in the experimental program,
   b. Typical school behavior of these students.
2. Increase teachers' understanding of the relation between reading ability and achievement in mathematics.
3. Increase teachers' ability to use discovery methods in teaching mathematics.
4. Provide opportunities for teachers to become familiar with a wide range of commercially available materials for use in the teaching of mathematics.
5. Provide opportunities for teachers to begin work on the development of new materials for use in the experimental classes.
6. Increase teachers' understanding of themselves and of one another through sensitivity training sessions.

FORM 25-I

Program and Objectives

Programmed Learning: Alva Junior High

The objectives of this Center are the selection, study, and use of commercially developed programmed materials and the development of programmed materials which will be successful with disadvantaged students.

Programmed materials designed for use in automated equipment will receive attention. The quantity of such materials developed in the last 5 or 6 years will require a refined selection criteria. The teachers will, therefore, screen existing materials and select the most appropriate. For the area in which existing materials are scarce, the teachers will develop and refine programs. They will also determine which topics are best taught through programmed materials exclusively and which are best taught through programmed materials in conjunction with other media.

Closed Circuit Television Retrieval Center:
Valley Junior High

The primary objective of this Center is to individualize instruction to accomodate the wide disparity of abilities among individuals. It will seek answers to such questions as "In what ways can materials be provided at the learning level of each individual?"

The Center will measure changes in student and teacher behavior due to the use of a retrieval system, and train teachers to effectively utilize such systems. It will produce appropriate lessons on video-tape not available commercially.

The Center will provide individual students, groups, and classes the opportunity to view and listen to instruction on film, tapes, and slides. It will provide students with programs at the best time suited to their learning needs. The system will bring to the students educational materials not usually available through the school's own resources. The project will provide a prototype video-audio distribution system which will utilize a variety of new media in various learning situations.

Mathematics Laboratory: East Junior High

The literature attests to the lack of manipulative and sensory experiences of disadvantaged children. The result is a scarcity of quantitive concepts. The mathematics laboratory will provide compensatory experimental background to meet these needs.

The main objective of this Center is the development of materials and methodology appropriate for use in a multi-media, multi-sensory environment. This environment will contain materials for the construction of objects by pupils, math tools and equipment, books, units, guides, programs, mathematically oriented games, and instructional equipment such as recorders and projectors.

This approach will encourage the discovery of key mathematical principles through raising problems, asking questions, and using a variety of tools and instruments for use in counting and measuring physical objects. This will facilitate the translation of the concrete to the abstract.

FORM 26-I

District Budget

Equipment and materials per Center:		
	Alva	$90,000
	East	90,000
	Valley	96,000
		$276,000
Administrative Salaries		84,000
	Total	$360,000

Approved by

Dr. Gerhard

FORM 27-I

Evaluation Budget

Salaries	$40,000
Consultants	10,000
Test administration	6,000
Development of additional tests	3,000
Data processing	6,000
Rental of office space	10,000
	$75,000

FORM 28-AD

District Approval

Response to request #_____ Team:_____

We are pleased to approve your request. We will be happy to cooperate.

Approved by

Mrs. Jones

Project Coordinator

FORM 29-AD

District Denial

Response to request #_____ Team: _____

Your request is contrary to district policy on this matter, and must be denied.

Approved by

Mrs. Jones

Project Coordinator

FORM 30-AD

Response to request #_____ Team:_____

We regret that we do not have the information you requested. It is not likely that we would be able to obtain it in time for you to make use of it.

Approved by

Mrs. Jones

Project Coordinator

FORM 31-AD

Response to request #_____ Team:_____

The district feels that decisions of this type are a normal operational part of the evaluation function; it is assumed that your evaluation team will make the appropriate decision.

Approved by

Mrs. Jones

Project Coordinator

FORM 32-AD

Response to request #_____ Team:_____

It is our impression that this information was provided in a prior report to you. If you are unable to locate it please let us know. Re-compiling the information will require some time.

Approved by

Mrs. Jones

Project Coordinator

FORM 33-DJ

Response to request #_____ Team:_____

It appears that we have misplaced your file. We shall continue to look for it. If you restate the request we shall give it our immediate attention.

Approved by

Mrs. Jones

Project Coordinator

FORM 34-DJ

Response to request #_____ Team:_____

At this moment we regret to inform you that the information is not available, however, we also recognize the importance of having this information. Consequently, we are in the process of compiling the materials that you have requested. Please resubmit your request.

Approved by

Mrs. Jones

Project Coordinator

FORM 35-DJ

Response to request #_____ Team:_____

The teachers are now in the process of trying to reformulate these ideas. There seems to be no agreement at the moment, but we are confident that a satisfactory solution will be arrived at soon. Please submit your request again.

Approved by

Mrs. Jones

Project Coordinator

FORM 36-DJ

Response to request #_____ Team:_____

Because of our obligation to the community, district policy will not permit delegation of responsibility in this matter. If you will restate your request, we shall inform you of our decision as soon as possible.

Approved by

Mrs. Jones

Project Coordinator

FORM 37-DJ

Response to request #_____ Team:_____

We have been working on this problem since we received your original request. Unfortunately, we have not yet finished, but hope to soon.

Approved by

Mrs. Jones

Project Coordinator

FORM 38-DJ

Response to request #_____ Team:_____

We regret delaying you again. We are still working on the problem, but I must admit we have had considerable difficulties. We haven't given up, however.

Approved by

Mrs. Jones

Project Coordinator

FORM 39-DJ

Response to request #_____ Team:_____

District policy is unclear in this matter. We have referred the question to Dr. Gerhard's office.

Approved by

Mrs. Jones

Project Coordinator

FORM 40-DG

Response to request #_____ Team:_____

Dr. Gerhard is out of town at present. Can we call you when he returns? Please submit your request again if you wish to meet with Dr. Gerhard.

Miss Hawkins
Secretary to Dr. Gerhard

FORM 41-DG

Response to request #_____ Team:_____

Through an oversight, the Administrator of Specially Funded Projects has two appointments scheduled for this hour and cannot meet with you. Would you care to make another appointment at a later date? Please submit your request again if you wish to meet with Dr. Gerhard.

Miss Hawkins
Secretary to Dr. Gerhard

FORM 42-DG

Response to request #_____ Team:_____

Summary of meeting with Dr. Gerhard

Our district personnel are deeply appreciative of your efforts and recognize your desire for the information requested. However, it is the opinion of our administrative staff that your request cannot be approved since district policy appears to be in direct conflict. We regret the delay in responding; several officials had to be consulted for a decision.

FORM 43-DG

Response to request #_____ Team:_____

Summary of meeting with Dr. Gerhard

We are sorry to inform you that we do not have this information on file. We will be happy to cooperate, however, in making it possible for you to gather the information yourselves.

FORM 44-DG

Response to request #_____ Team:_____

Summary of meeting with Dr. Gerhard

After consultation with several district administrative officers, I am happy to tell you that we have approved your request. Please let me know whenever I can be of service to you.

FORM 45-DG

Response to request #_____ Team:_____

Dr. Gerhard has asked that I forward the attached information to you.

Mrs. Jones

Project Coordinator

FORM 46

Preliminary Design

As a result of your questions, you have now obtained a number of clarifications of the program.

1. What information do you now propose to collect, from whom, about what, at what times, and by what means in order to have what you will need to prepare an evaluation of this program?
2. Indicate the steps you plan to take now to assure yourself that you will get the kind of information you need.

Write these statements and give them to the team coordinator.

At this time you may wish to submit additional RFI or DAR forms. You may submit no more than three of these forms.

Your statement will represent your preliminary design report to the CSEIP Evaluation Project Director.

FORM 46a

PRELIMINARY DESIGN REPORT

Team _____ Date _____

FORM 47

Characteristics of East Center Teachers

TO : CSEIP STAFF

FROM: Staff Interviewers

SUBJECT: Summary of Interview with East School Principal
(You may assume that the differences among the East Center teachers are typical of differences found in the other two Centers.)

This is a summary of an interview with the principal at East School. The teachers at this Center were characterized in the following ways:

1. Name: Mr. James Wilcox

Mr. Wilcox is a successful teacher of long standing in the district. He is creative, able to explore new materials, and imaginative in the activities he selects for his pupils. He tends to involve the students in much decision-making and allows them to move out of their seats quite a bit. He has a reputation in the district for having a somewhat noisy, active, unruly classroom. He has been informed frequently of the need to maintain a more uncluttered, well-organized room environment. He is bright, eager to learn and most anxious to please. He is ready to accept nearly all suggestions and profit by them.

2. Name: Mr. Gerald Forbes

Mr. Forbes is a well-mannered, orderly individual who is able to maintain a quiet room. He is always careful to see that each student knows the fundamentals of mathematics before moving on to complex material. He enjoys his students and interacts warmly with them. At the same time that he covers the material, he is a strong leader among his students with solid convictions about the need for good discipline and firm control. He has a good reputation with his district superiors and is seen as efficient and competent in carrying out any task he undertakes.

3. Name: Mr. Henry Webster

Mr. Webster is unusually bright and imaginative in his selection of materials and methods. He has been doing demonstrations in the district for many years and is enthusiastic about new ideas. He has published sets of materials for use by other teachers and has led a number of workshops and inservice classes in mathematics. His peers respect and like him, and he is often characterized as their spokesman. He does tend to think for himself and make decisions without consulting others. He has also been warned of spreading himself too thin in that he is consistently involved with educational courses and conferences which take him off the premises. In spite of this, however, Mr. Webster does produce considerably.

FORM 48

Field Report Summary Sheet No. 1 - November

The program has now been in progress for several months. You have had observers in the classrooms of the three schools. Following is a summary of some of their observations:

VALLEY

1. To date no television equipment has arrived. Delivery date is uncertain.
2. The first clerk left the job and has not been replaced yet. This makes it difficult to produce teaching materials.
3. Pupils in comparison classes seem to be more capable in mathematics than the experimental classes (Better check selection process).
4. A personality conflict has caused a split in Center personnel--team meetings of teachers have been discontinued.
5. Morale of teachers is becoming shaky.

EAST

1. Math lab approach is working smoothly.
2. Pupils come in at lunch hour and after school to work in the math lab.
3. Factory equipment for math lab was late in arriving. Teachers made their own equipment.
4. Classrooms too close together--noise level is extremely high.
5. First four weeks of materials seem original and creative, but these materials have not been put in finished form.
6. The teachers work on materials as a team. Group spirit is high but so is group disappointment with project administration.
7. One teacher is talking of transfering out of the project at mid-year.

ALVA

1. Pupils seem to have great difficulty with the procedures used in programmed instruction.

2. Class size averages five to six pupils below original plan of 20 pupils per class.

3. While waiting for much of the equipment for programmed instruction to arrive, the teachers are using several commercial textbooks.

4. The school administration requires teachers to assume many supervisory tasks, which interferes with the time they have to design and create new materials.

5. Teachers test materials they have created in each others' classrooms--they work together on working out the "bugs."

6. The classrooms experience constant interruptions from announcements on the school public address system.

General Comments

1. The illustrators and the math consultant are spending more time in the Central Office on "other duties" than in the three Centers. As a result no new materials which teachers have created have been put in finished form. No procedure has yet been set up to field test new materials within the three Centers or in other schools.

2. The project counselor has been promoted and is no longer with the project. His position has not been filled yet.

3. The project has suffered a cut in the budget, eliminating the audio-visual consultant and one instructional media technician. The three centers will share the remaining two technicians.

4. Observations indicate that in general the project teachers are really trying to individualize instruction. Experimental classes appear to be much more flexibly organized than the comparison classes.

FORM 49

District Request for Information -- December

Mrs. Jones has relayed a request from Dr. Gerhard regarding some interest that has arisen among District personnel. The specific questions are:

1. The teachers have indicated an interest in "how they are doing" with respect to the math program?
2. With respect to the materials that have been developed, which seem to be most effective in the math program?

Please address your responses to Dr. Gerhard and file them with the simulation coordinator.

FORM 49a

INTERMEDIATE REPORT TO DISTRICT

Team _____ Date _____

FORM 50

Progress Report to CSEIP Evaluation Project Director
-- December

You have now had some introduction to initial aspects of the math program in the field stage.

What is your current thinking with regard to the evaluation project thus far? Please write up any impressions which you want to report to the CSEIP project director.

Your comments may simply consist of a brief listing or enumeration of your observations to date. When finished, submit them to the coordinator.

FORM 50a

PROGRESS REPORT TO CSEIP

Team _____ Date _____

FORM 51

January

To Team: _____

From : Dr. Gerhard

Re : Your report of December

Mrs. Jones has relayed to me your report concerning teachers and materials in this project. Let me thank you for your efforts thus far.

Further reports have come to me indicating that my principals are pleased with the program. We shall all continue to cooperate in every way to make this project successful.

FORM 52

January

To Team: _____(each team)

From : Director; Evaluation Project--CSEIP

Re : Your report of December

We received your field report with much interest. I reviewed your original preliminary design report and hope you will continue to keep me posted on progress.

FORM 53

Field Report Summary Sheet No. 2 - February

1. The Project has lost two teachers. John Snow at Alva has been promoted to Vice-Principal and has been assigned to another school. Henry Webster at East, due to a dispute with Central Office, decided to leave the project. These teachers will be replaced immediately.

2. In the middle of the first semester, Bill Sinclair at Valley was transferred to the Central Office. For the second semester, he will be sent back to Valley, while Howard Smith from Valley will be sent to the Central Office to work on materials created in all 3 centers. This means that there are only two teachers at Valley. They will cover all the classes originally assigned to three teachers. This leaves them less time to work on new materials.

3. Another problem is the rapid pupil turnover at Alva. The Project there has lost one-third of its students. Of the original 250 pupils, we estimate that about 80-100 will still be there in June.

4. One television camera has been delivered to the Valley School Center. The rest of the equipment is not expected until May.

5. Observations continue to indicate that most experimental teachers use a variety of teaching materials and techniques and have established good working relationships with most pupils. Experimental classes still appear to be more flexibly organized than comparison classes.

6. A new counselor has been assigned to the project.

7. Two units of new materials from Alva have been finished and will be tested in a few other schools.

FORM 54

Design Review Task

In view of the field research reports which have been presented to you, what are your feelings as to what you can now do with the data you plan to collect in the design previously submitted? Do these effects destroy the evaluation, alter its characteristics, or what? What kinds of things do you now think that you will be able to tell the districts now or at the conclusion of the evaluation? Please file a report with your coordinator.

FORM 54a

DESIGN REVIEW REPORT

Team _____ Date _____

Summaries of

Audio-Visual Materials

FOR USE BY

SIMULATION STAFF ONLY

NOT FOR DISTRIBUTION

TO PARTICIPANTS

Summary of Taped Interview with Dr. Gerhard AV-1

1) 8½ minutes long

2) Gerhard in a very wordy manner demonstrates his willingness to "cooperate in any way possible" with the program

3) Discusses the importance of an evaluation

4) Sets certain conditions on data collection

   a. Instruments to be approved before being used

   b. No personal questionnaires about the children's families

   c. No women data collectors in the schools with short skirts; no beards on the men data collectors

5) Concludes by again expressing his willingness to cooperate

AV-2

Summary of Slides

1) Classrooms and playgrounds at the three schools are shown (Alva, East, Valley).
2) The three communities surrounding schools are shown.
3) Alva is mostly Negro, located in what might be called a ghetto.
4) East is mostly Mexican-American, located in a heavily Mexican-American area.
5) Valley is mostly white, located in the suburbs.

Summary of Taped First Interview with Mrs. Jones AV-3

1) 7½ minutes long
2) Mrs. Jones expresses her interest in the program
3) Describes changes in the administrative structure
4) Mrs. Jones reveals that she could perhaps be a very difficult person to deal with
5) Mention is made of problems with equipment and materials
6) Teachers are supposed to turn in weekly reports to Mrs. Jones
7) First indication that there is no clear access to decision-making personnel
8) Concludes with Mrs. Jones expressing the desire to cooperate with the program

Summary of Second Taped Interview with Mrs. Jones AV-4

1) 1½ minutes long
2) Second mention of the fact that problems are arising with materials and equipment
3) Indication that teachers in individual centers are going to use commercial materials instead of developing their own
4) Mrs. Jones criticizes teachers for not turning their weekly reports in on time

Summary of Film of Teachers at East School Center AV-5

Seven minutes long

The film shows each teacher with one of his classes

The first teacher (James Wilcox) is having his pupils work with a small computer. There is much informal interaction between teacher and pupils and much movement around the room.

The second teacher (Gerald Forbes) has pupils working while seated at their desks. The only movement is when one pupil at a time comes up to the board.

The third teacher has several activities going on at once. Some pupils are using geometrical blocks to work out puzzles. The teacher plays dominoes with another group.

Summary of Third Taped Interview with Mrs. Jones AV-6

1) 5 minutes long

2) Mrs. Jones reveals that teachers were developing materials all along but she just wasn't sending the CSEIP staff copies of them. She gives some vague excuse for this.

3) Final indication that Mrs. Jones is one of the prime reasons that communications and decision-making are difficult within the district system.

Summary of Taped Interview with Mr. Wine, Counselor

1) 4½ minutes long
2) Mr. Wine reports that at Alva School there has been a 25% loss in pupils in the program.
3) The method of replacing the pupil loss is indicated. This is not done strictly according to an experimental design.
4) Classes at Alva are not left intact. Children have been shifted from one teacher to another, and some of the original experimental groups have been consolidated.
5) There has been loss of experimental teachers from all of the schools.
6) East school has had little change.
7) Sex ratio in classes at Valley gets altered because some of the teachers prefer classes of all boys or all girls.
8) There is a 40% loss in pupils in the comparison classes at Valley.
9) Traveling teachers have been set up to aid the central staff. One of these teachers came from Valley. His position was not filled. Instead the other experimental teachers there were required to teach extra classes.

Summary of Taped Interview with Teacher AV-8

1) 8 minutes long
2) Teacher expresses concern over lack of communication with Mrs. Jones.
3) Mention is made of problems in acquiring needed equipment and consultant help.
4) Teacher reveals she has allowed other teacher to borrow materials for use in other classes.
5) She has also allowed other students to use the materials which were prepared for her own class.
6) Teacher complains of having especially heavy workload so that little time is left to produce needed materials.
7) She mentions that in-service training was inappropriate in preparing her to do the job.
8) She reminds listener that one teacher was transferred out of the program and concludes that this is not surprising in light of inability to solve the many problems faced by teachers in the program.